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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-26329

Form O-101
Revised 1-1-85

5A. Indicate Type of Lease	
STATE ☐	FEE ☒
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name Northeast Blanco Unit #1, Sec. 929	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ DRILL ☒ DEEPEN ☐ PLUG BACK ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name Northeast Blanco Unit	
2. Name of Operator Blackwood & Nichols Co., Ltd.		9. Well No. 213	
3. Address of Operator P. O. Box 1237, Durango, Colorado 81302		10. Field and Pool, or Wildcat S. Los Pinos Fruitland/PC	
4. Location of Well UNIT LETTER D LOCATED 990 FEET FROM THE N LINE AND 990 FEET FROM THE W LINE OF SEC. 12 TWP. 31 RGE. 7 NMPM		12. County San Juan	
19. Proposed Depth 3740'		19A. Formation Fruitland-P.C.	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6535' U.G.	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start May 15 1985			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	32.3# H-40	200'	200 (236 cf)	Circulate
7 7/8"	4 1/2"	10.5# K-55	3740'	764 (1200 cf)	Circulate

We propose to perforate the Pictured Cliffs-Fruitland Zones and sand-water fracture each zone in two stages with 30,000 gals. 20# gel water and 45,000# 20-40 sand. Top of Fruitland - 3040'; Top Pictured Cliffs - 3450'; Top of Lewis - 3590'. A 3000 PSI WP; Series 10" - 900 adapted to Series 10" - 600 hydraulic blow out preventer equipped with blind and necessary pipe rams with adequate kill and bleed off lines will be used.

A mud of sufficient weight to control the Fruitland Formation will be used. Blow out preventers will be tested every trip.

All gas sold is dedicated to El Paso Natural Gas Company.

Attached you will find:

1. Well Location and Dedication Plat
2. Map of Area Wells
3. Map of Proposed Access Road.

BLM Surface Owner

APPROVAL EXPIRES 10-17-85
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed William F. Clark Title Petroleum Engineer Date 4-16-85
(This space for State Use)

APPROVED BY James D. Day TITLE SUPERVISOR DISTRICT # 3 DATE APR 17 1985

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

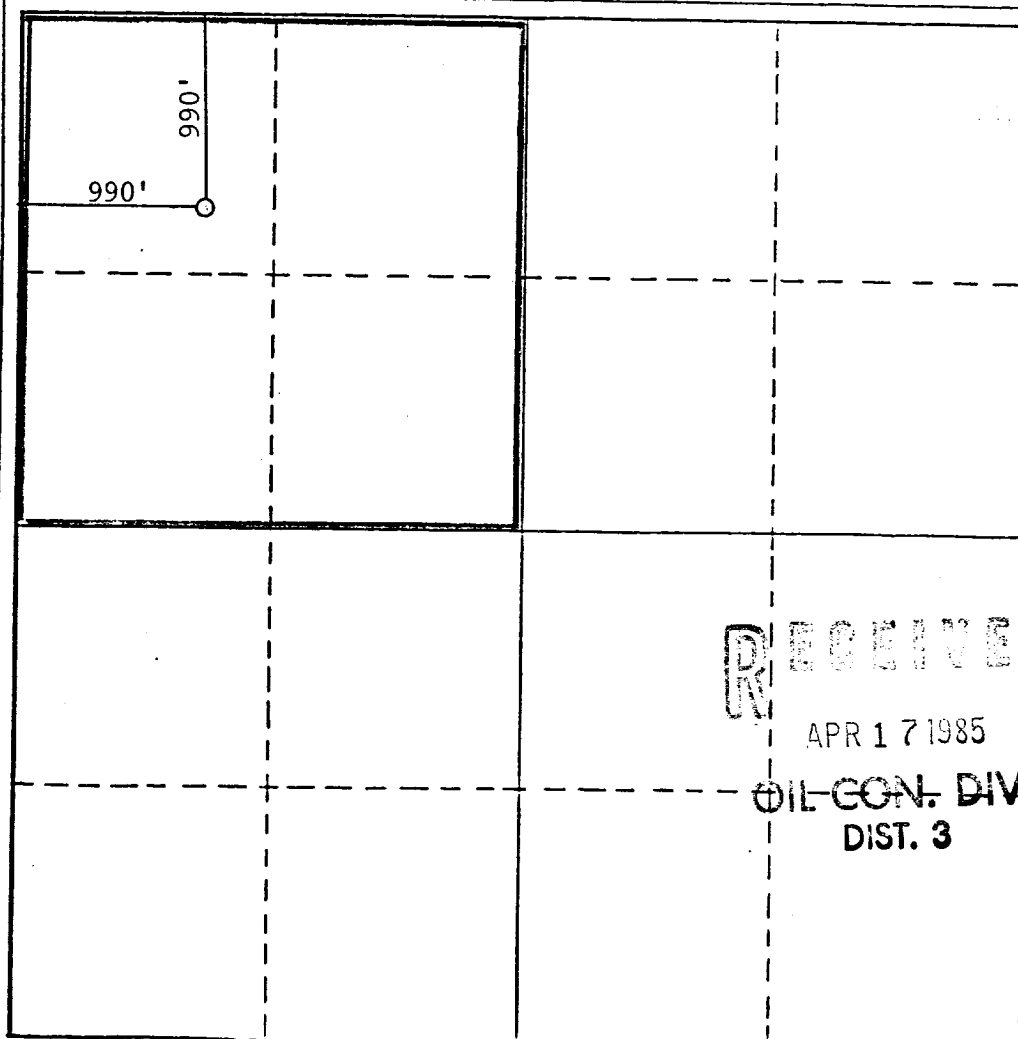
Operator BLACKWOOD & NICHOLS CO, LTD.		Lease NORTHEAST BLANCO UNIT		Well No. 213
Unit Letter D	Section 12	Township 31 N.	Range 7W., N.M.P.M.	County SAN JUAN
Actual Footage Location of Well: 990 feet from the north line and 990 feet from the west line				
Ground Level Elev: 6535 (U.G.)	Producing Formation Fruitland Pictured Cliffs		Pool S. Los Pinos Undesignated Pictured Cliffs	Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

William F. Clark

Name
William F. Clark

Position
Petroleum Engineer

Company
Blackwood & Nichols Co., Ltd.

Date
April 16, 1985

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

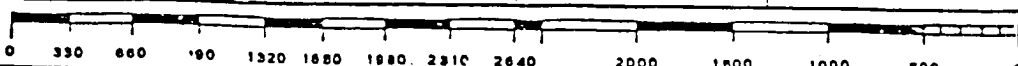
Date Surveyed
April 9, 1985

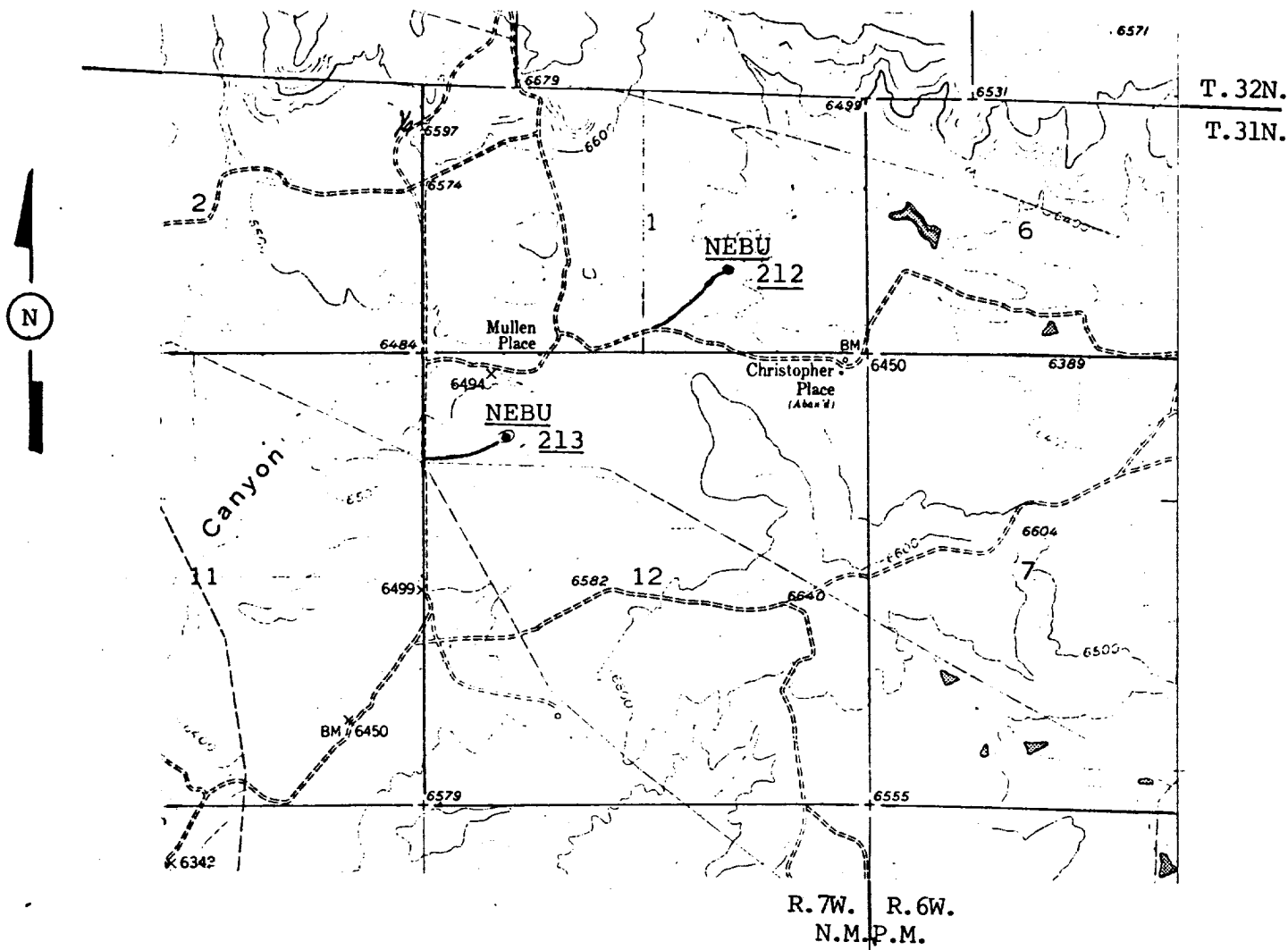
Registered Professional Engineer and/or Land Surveyor

Allison L. Kroeger
Allison L. Kroeger

Certificate No.
7922

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NOTE:

- 1) The total length of Access Road to NEBU 212 is 1,000'±
- 2) The total length of Access Road to NEBU 213 is 1,000'±

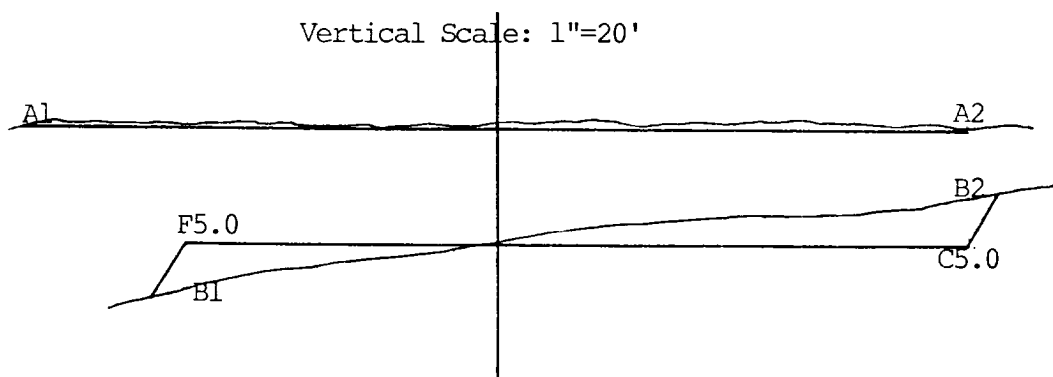
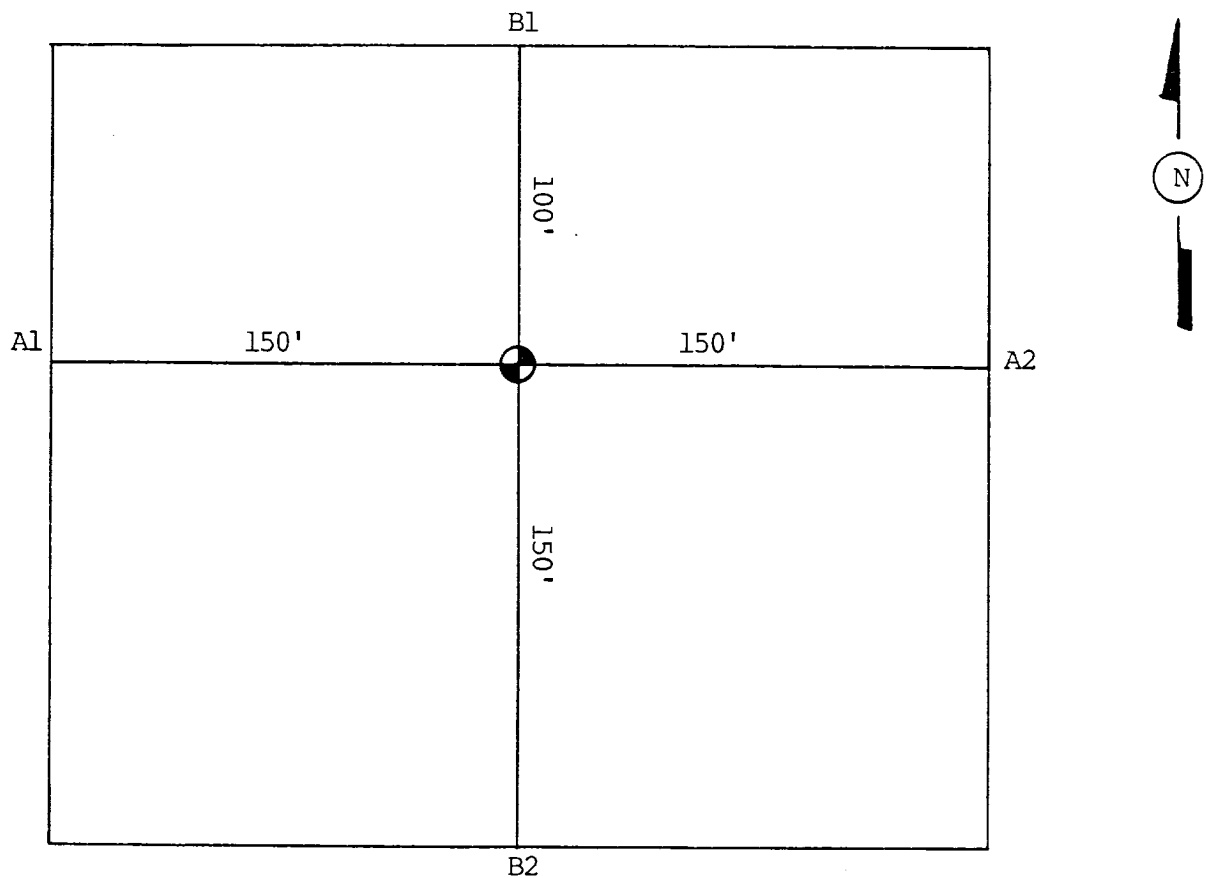
BLACKWOOD & NICHOLS CO., LTD.

PROPOSED ACCESS ROAD TO NEBU 212 and NEBU 213
LOCATED IN SEC. 1 & SEC. 12, T.31N., R.7W., N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

Date: April, 1985

Scale: 1"=2000'

KROEGER ENGINEERING COMPANY
DURANGO, COLO.



BLACKWOOD & NICHOLS CO., LTD.	
PROPOSED PAD LAYOUT	
of	
NORTHEAST BLANCO UNIT No. 213	
Date: April, 1985	Horz. Scale: 1"=60'
KROEGER ENGINEERING COMPANY DURANGO, COLO.	

Area Well Map

Blackwood & Nichols Co.

Northeast Blanco Unit Well #213

R 7 W

